

App. No 09/856,342
Amdt. Dated February 17, 2004 (Tuesday after a Federal holiday)
Reply to Office Action of November 14, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. – 6. (cancelled)
7. (previously amended) A method of burning a nitrogen-containing fuel while reducing the emission of nitrogen oxides, said method including the steps of:
producing a sub-stoichiometric primary zone in the form of a flame core from fuel and primary air, and supplying said flame core with a nitrogen oxide reducing agent, wherein said reducing agent is a nitrogen compound or a hydrocarbon.
8. (original) A method according to claim 7, wherein a temperature of greater than 1100°C is established in said sub-stoichiometric flame core.
9. (currently amended) A method according to claim 7, wherein said sub-stoichiometric flame core is enveloped with at least one of a veil of secondary air and a further veil of tertiary air.
10. (cancelled)
11. (previously amended) A method according to claim 7, wherein said nitrogen oxide reducing agent is introduced into said sub-stoichiometric flame core together with the fuel.
12. (currently amended) A method according to claim 7, wherein said nitrogen oxide reducing agent is introduced into said sub-stoichiometric flame core together with a selected one of said core air and the primary air.

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13. (cancelled)

14. (new) A method of burning a nitrogen-containing fuel while reducing the emission of nitrogen oxides, said method including the steps of:

producing a sub-stoichiometric primary zone in the form of a flame core from fuel and primary air, and supplying said flame core with a nitrogen oxide reducing agent, wherein said reducing agent is a nitrogen compound.

15. (new) A method of burning a nitrogen-containing fuel while reducing the emission of nitrogen oxides, said method including the steps of:

producing a sub-stoichiometric primary zone in the form of a flame core from fuel and primary air, and supplying said flame core with a nitrogen oxide reducing agent, wherein said reducing agent is a hydrocarbon.